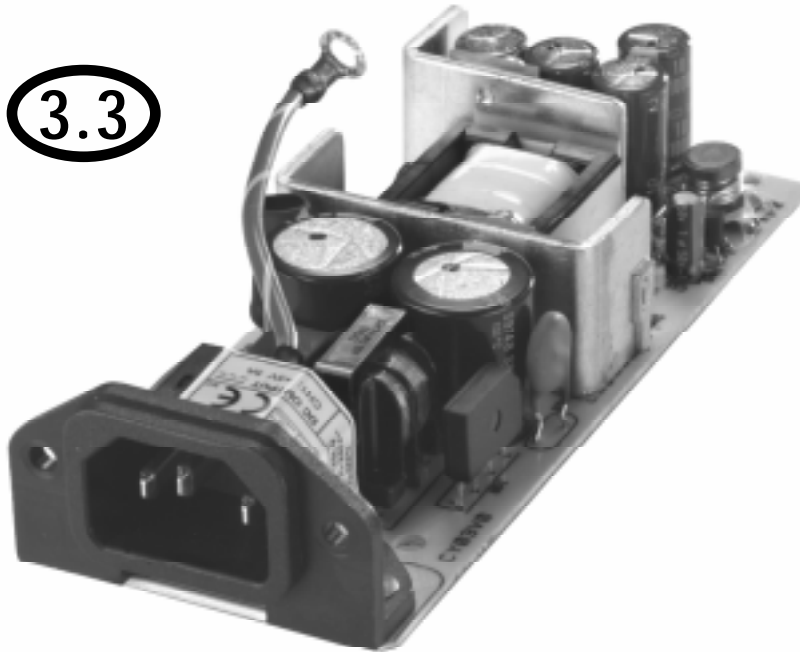


25W Universal Input, Compact PCB

PSA-25LS OEM Open Frame



OPEN FRAME

Features

- Compact 2 x 5" PCB
- CISPR 22B; FCC B EMI
- Low .85" Profile
- Integral AC Connector

Applications

- Networking
- Compact Equipment
- Peripherals and Terminals
- Microcomputers

Safety Approvals Pending

- UL 1950, 3rd Edition
- CSA 22.2 950-M95
- TUV EN60950

Mechanical Characteristics

- Dimensions:
- Length: 127mm (5in)
 - Width: 50.8mm (2in)
 - Height: 21.5mm (0.846in)
 - Weight: 135gm (4.7oz)

Output Specifications

Model	DC Output Voltage	Load		Ripple(1) P-P	Regulation		Max Power
		Min.	Max.		Line	Load	
PSA-25LS-033	3.3V	0A	5A	50mV	±1%	±2%	16.5
PSA-25LS-050	5.0V	0A	5A	50mV	±1%	±2%	25.0

(1) Measured at full load by using a 12 inch twisted pair terminated with a 10mfd capacitor and a 0.1mfd ceramic in parallel

25W Universal Input, Compact PCB

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Characteristics

INPUT:

AC Input Voltage
85 to 270 VAC

AC Input Frequency
47 to 63Hz

AC Input Current
0.5Arms (120VAC)
0.25Arms (230VAC)

AC Inrush Current (Cold)
30A max. (120VAC)
60A max. (240VAC)

AC Surge Immunity:
IEC 61000-4-5, Level 3

Efficiency
70% Typical

OUTPUT:

Hold-up Time
16ms Full load, 120VAC

Overvoltage Protection
Zener Diode Clamping

Overcurrent Protection
Auto Start

ENVIRONMENTAL:

Operation Temperature (Convection)
-0 to 50°C

Storage Temperature
-25 to +75°C

Humidity
20 to 90% RH (Non-condensing)

Emissions
FCC Class B
EN 55022 B

Immunity EN 50082-1:
61000-4-2, Level 3
61000-4-3, Level 2
61000-4-4, Level 2

GENERAL:

Leakage Current
Less than 0.75mA (240VAC)

Dielectric Withstand (Hipot)
Input>Output
3000VAC, 1 min., 10ma

Switching Frequency
100KHz (typical)

MTBF (Full Load, 25°C)
MIL-HNBK: 150K hrs.

AC Input Connector
EN 60320/14

DC Output Connector
Molex 09-65-2048
or Equivalent



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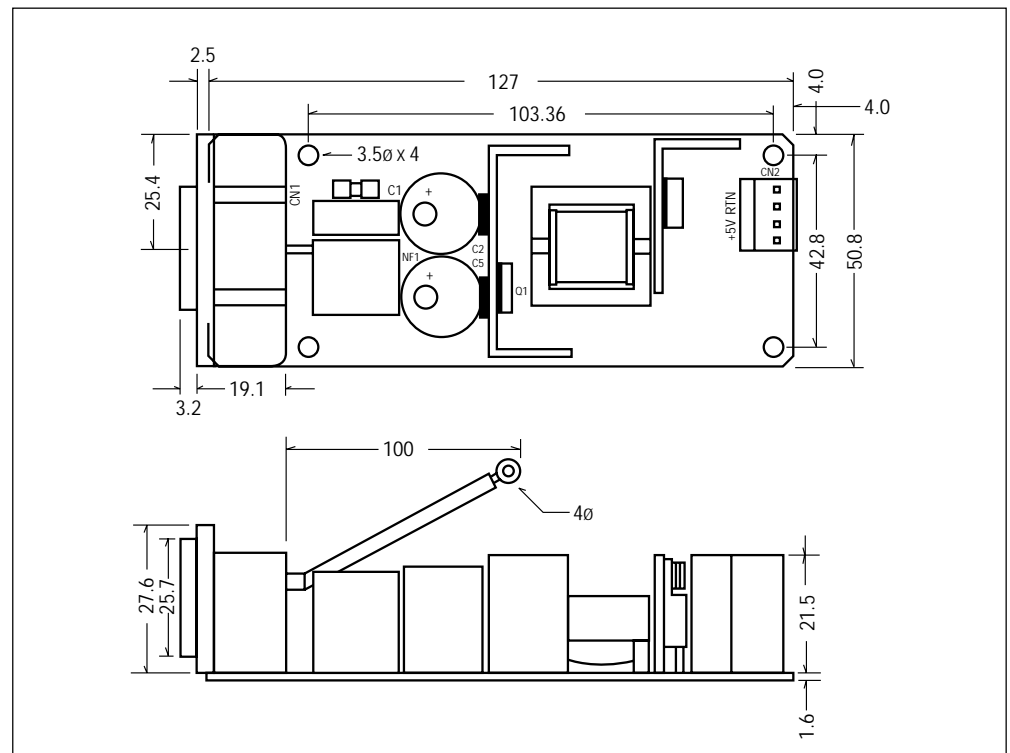
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Dimension Diagram Unit: mm (inch)



25LS/901